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Application Serial No. 10 / 002,888

Invention Title: " A Device for Distributing Antibacterial Spray In a Human Shoe "

Inventor: Meir Ibguy

Filing Date: January / 30 / 2002

Examiner: STASHICK, ANTHONY D.

RE: Applicant Meir Ibguy Submits Herein the Corrected Form Of the Specification to Overcome the Examiner Rejection

Declaration of No New Matter Added To The Application

A.

Applicant Declares That:

Please be advised that the following, is the correction of the specification

that made to correct its context by Eliminating Wording that Marked Vogue by the Examiner, without adding any New Matter into the original Context.

B.

Applicant Meir Ibguy Respectfully Submits That The Honor Examiner Will

Reconsider the Amended Specification and Mark it Allowable.

C.

----- Applicant Respectfully Submits That The Related ABSTRACT is presented on a separate Sheet of Paper, On: Page 3. And Also, the Claims are presented on a Separate Sheet of Paper On: Page. 4. Please find it attached herein.

The Specification

BACKGROUND OF THE INVENTION

Our life is inspired by a race for new improvement in many human accessories, including shoes. New features are added to the article of footwear in order to reduce the discomfort of the shoe wearer's foot. Such discomfort, is mostly the discharged odors of the foot.

Even in the ancient Egypt and Medieval Europe perfumers practiced masking odors through the use of perfumes and colognes. Nowadays the existed inventions basically focus on solving the problems of foot odors by providing different kinds of devices inside a shoe to mask the shoe and foot odors, through controlled release of fragrances.

But, such kind of approaches cannot solve the mentioned problems completely because the discomfort is caused not only by the odors, but also, by a Bacteria Build Up process that occurs when the shoe wearer walking and sweating.

Therefore, the approach of the present invention will be more effective than the Prior Art in preventing such problems and provide comfort to shoe wearers's daily life.

SUMMARY OF THE INVENTION

The object of the present invention is to provide means for distributing antibacterial spray inside a shoe and eliminating discomforts of shoe wearers.

The advantage of the present invention over the prior art and other existing inventions, is that the present invention addresses the problems identified in the background of the invention by attacking the more precisely the core and source of the bacteria that causes and produces said foot odors.

Another existing difference in the embodiment of the present invention is a new device that holds the antibacterial source and attached therein to the back of a shoe, and with the user's choice, manually pumping the antibacterial spray several times a day the antibacterial product is distributed over the foot through a tube that interconnected to an antibacterial spray discharging device.

BRIEF DESCRIPTION OF THE DRAWINGS

The object, features and advantages of the present invention will become more and fully apparent from the accompanying drawings in which:

FIG. 1. Is the view of the bottom of the shoe. It presents 1 - the bottom of the "pocket" for holding the tank of the antibacterial spray, 2 - is a connecting tube, and 3 - is a spray discharging apparatus.

FIG. 2. Is a view of the completely assembled shoe. It presents: 4 - is a tank or Source of the antibacterial spraying product, and 5. - is the pocket that hold the Tank or source of the antibacterial product.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

In the preferred embodiment of the invention, as shown in Figure 2. A pocket like 5 is suitably embodied therein to the rear exterior part of the heel of the shoe and above the rear part of the shoe sole to prevent and eliminate the friction with obstacles when the shoe wearer walking. The manner in which my invention operates will be readily understood. When the Tank 4 which is the source of the antibacterial spray is placed upside down the pocket 5 shown in Figure 2. the feeding nipple of the tank 5 not shown, is placed into the bottom of the pocket 1 that receives the feeding nipple of the tank 5 and provide means engagement for the tank 5 shown in Figure 1. As the user further presses the tank 5 downward the spray is ejected therefrom the nipple of the tank 5 through the bottom part of the pocket 1 and thereof to the tube 2 and into the antibacterial spray - discharging apparatus 3, as the spray reaches the discharging apparatus 3 it sprayed all over the foot of the shoe wearer, adding comfort and destroying the built up bacteria that causes the releases of the foot odors.

It is also well be understood that the user can repeat the spraying of the antibacterial spray as the conditions of the foot of the wearer worsen and adding of comfort is required. Also, the tank containing the antibacterial spray should be replaced or refilled from time to time when it runs out of antibacterial spray and as the wearer's foot requires.

Manifestly the invention, as described, is susceptible of modification in other respects than as set forth herein, and right is herein reserved to such other modifications as fall within the scope of the present invention.

Serial No: 10 / 002,888
Art Unit: 3728

ABSTRACT

The present Invention offers an antibacterial spray - distributing device for human shoe for comforting shoe wearers and preventing foot odors by spraying Bacteria killing matter. The device including two parts: An antibacterial source - a tank attached therein to the back exterior of a shoe and an apparatus for distributing the said antibacterial spray throughout a tube embodied into the upper shoe sole, said apparatus for distributing the antibacterial spray comprising: a tube embodied into the upper shoe sole linking the back of the shoe spray source and the spray discharging device in the front part of the upper shoe sole for means distributing the antibacterial matter throughout the discharging device of the upper shoe sole.

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Art Unit: 3728

I claim.

1. An apparatus for distributing antibacterial spray throughout human shoe, comprising an exterior shoe pocket like apparatus for holding antibacterial source said apparatus for holding antibacterial source attached therein to the rear of the shoe and coupled to linking tube for providing means flow of antibacterial spray from the source of the antibacterial spray to the antibacterial discharging apparatus of the upper front shoe sole and said flow linking tube interconnected to the spray discharging apparatus in the upper front of the shoe sole.

2. A pocket like Apparatus for holding antibacterial source embodied to the exterior back part of the hill of the shoe and above the shoe sole for eliminating friction and tripping with obstacles when and during the shoe wearer walking.

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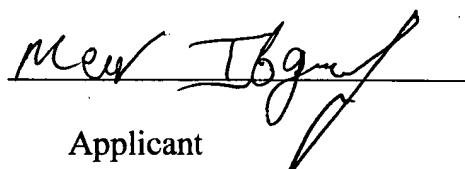
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